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**TRANSMITTAL
FORM**

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Application Number	10/678,569
Filing Date	October 3, 2003
First Named Inventor	Joachim Oppelt
Art Unit	3672
Examiner Name	
Attorney Docket Number	564-24872-US

Total Number of Pages in This Submission

4

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form
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<input checked="" type="checkbox"/> Amendment/Reply (preliminary)
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<input type="checkbox"/> Petition to Convert to a Provisional Application
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<input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Group
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<input type="checkbox"/> Proprietary Information
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William E. Schmidt, Reg. No. 47,064
Signature	
Date	January 27, 2004

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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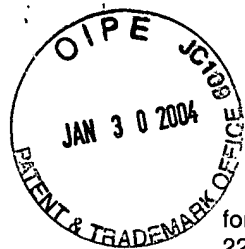
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Naghma Hall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Joachim Oppelt

Serial No:10/678,569

Filed: October 3, 2003

Title: High Data Rate Borehole Telemetry System

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Docket No: 564-24872-US

Art Unit: 3672

Examiner: Not Assigned

PRELIMINARY AMENDMENT

Prior to any substantive action in the application, Please amend the application as follows:

Amendments to the specification begin on Page 2 of this paper.